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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/055,174

DATE: 04/16/2002

TIME: 15:58:30

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1 <110> APPLICANT: Briggs, Robert E.  
 2 Tatum, Fred M.  
 3 <120> TITLE OF INVENTION: LKTA Deletion Mutant of P. haemolytica  
 4 <130> FILE REFERENCE: 00295.75997  
 5 <140> CURRENT APPLICATION NUMBER: 10/055,174  
 6 <141> CURRENT FILING DATE: 2002-01-25  
 8 <150> PRIOR APPLICATION NUMBER: 09/245,331  
 9 <151> PRIOR FILING DATE: 1999-02-05  
 12 <150> PRIOR APPLICATION NUMBER: 60/060,060  
 13 <151> PRIOR FILING DATE: 1997-09-25  
 14 <160> NUMBER OF SEQ ID NOS: 2  
 15 <170> SOFTWARE: PatentIn Ver. 2.0  
 17 <210> SEQ ID NO: 1  
 18 <211> LENGTH: 26  
 19 <212> TYPE: DNA  
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 25 <211> LENGTH: 26  
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 27 <213> ORGANISM: Pasteurella cf. haemolytica  
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/055,174

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